

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/052796

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G02F1/1362

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/014809 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 20 February 2003 (2003-02-20) abstract figures 1,2	1, 4
A	US 6 414 369 B1 (BATTERSBY STEPHEN J ET AL) 2 July 2002 (2002-07-02) abstract column 4, line 66 - column 6, line 17 figures 1,4,5	1-7
A	EP 0 564 031 A (N.V. PHILIPS' GLOEILAMPENFABRIEKEN) 6 October 1993 (1993-10-06) column 3, line 55 - column 4, line 43 figure 3	1-7
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

31 March 2005

Date of mailing of the international search report

11/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Girardin, F

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/052796

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 504 792 A (KABUSHIKI KAISHA TOSHIBA)  23 September 1992 (1992-09-23)  column 5, line 20 - column 6, line 35  figures 2,5</p> <p>-----</p>	1-7

# INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/IB2004/052796

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03014809	A	20-02-2003	EP 1428064 A2	16-06-2004
			WO 03014809 A2	20-02-2003
			JP 2004538512 T	24-12-2004
			US 2003030054 A1	13-02-2003
US 6414369	B1	02-07-2002	WO 0062342 A1	19-10-2000
			EP 1090423 A1	11-04-2001
			JP 2002541681 T	03-12-2002
EP 0564031	A	06-10-1993	EP 0564031 A1	06-10-1993
			JP 6011740 A	21-01-1994
			US 5442469 A	15-08-1995
EP 0504792	A	23-09-1992	JP 4291241 A	15-10-1992
			JP 4298721 A	22-10-1992
			DE 69202893 D1	20-07-1995
			DE 69202893 T2	02-11-1995
			EP 0504792 A2	23-09-1992
			KR 9608980 B1	10-07-1996
			US 5227901 A	13-07-1993